Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Improvements Of CC Roads 13th,14th and 15th,cross Roads at Ravindra Nagar in Ward No.13 Shettyhalli Sub-Division

Est .Cost Rs.50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **Page No. 142/ Item No. 19.1/ PWD SR 2016-17**								
	Ravindra nagar								
	13th Cross	cum	1	106.00	5.50	0.45	262.35		
	14th Cross		1	106.00	0.90	0.45	42.93		
	15th Cross		1	107.00	0.90	0.45	43.34		
	cross road		1	85.00	5.50	0.45	210.38		
			1	35.00	5.00	0.40	70.00	178.96	110677.00
				.			**628.99**	**172.57**	**108544.80**
2	KSSRB M400-7 Construction Of granular sub -base by providing coarse graded cushed stone aggregates of granite / trap / basalt material speading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achive the desired density. complete asper specification. **By mix in place method for Grading II Material** KSSRB **Page No 156 Item No 20.6 and 20.6.3**								
	13th Cross	Cum	1	106.00	5.50	0.15	87.45		
	14th Cross		1	106.00	0.90	0.15	14.31		
	15th Cross		1	107.00	0.90	0.15	14.45		
	cross road		1	85.00	5.50	0.15	70.13		
			1	35.00	5.00	0.15	26.25		
							212.58	**1582.58**	**336424.86**
3	KSRB 4-1.3 : **Providing and laying in position plain cement concrete of *mix 1:4:8*** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
	13th Cross	Cum	1	106.00	5.50	0.15	87.45		
	14th Cross		1	106.00	0.90	0.15	14.31		

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	15th Cross		1	107.00	0.90	0.15	14.45		
	cross road		1	85.00	5.50	0.15	70.13		
			1	35.00	5.00	0.15	26.25		
							212.58	5159.02	1096704.47
4	Cement concrete pavement. **Construction of un-reinforced plain cement concrete pavement**, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, including curing, finishing to lines and grades as per drawing complete as per specifications.**M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) Page No 177 Item No 22.6.1**									
	13th Cross	**Cum**	1	106.00	5.50	0.15	87.45		
	14th Cross		1	106.00	5.50	0.15	87.45		
	15th Cross		1	107.00	5.50	0.15	88.28		
	cross road		1	85.00	5.50	0.15	70.13		
			1	35.00	5.00	0.15	26.25		
							359.55	6217.96	2235667.52
5	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. **P. No.178/ Item No.22.7, 22.8.1/ PWD SR 2016-17**								
	13th Cross	**Rmt**	11	5.50			60.50		
	14th Cross		11	5.50			60.50		
	15th Cross		11	5.50			60.50		
	cross road		9	5.50			49.50		
			4	5.00			20.00		
							251.00	121.90	30596.9

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						Sub Total		3807938.55
6	Add Tender Primium @ 5 %							190396.93
7	Miscellaneous and unforeseen charges						L.S	1664.52
						Grand Total		4000000.00
	(Rupees forty Lakhs Only)							

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.
5 This work is not included in any other estimate.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ.EE/DD/AS/162/17-18 ದಿನಾಂಕ: 26.9.17
ರೂ. Rs. 40.00 lacks (Forty lacks only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲನಾ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ

ನಂCE/TS/212/17-18 ದಿನಾಂಕ: 25/09/17
ರೂ. Rs. 40.00 lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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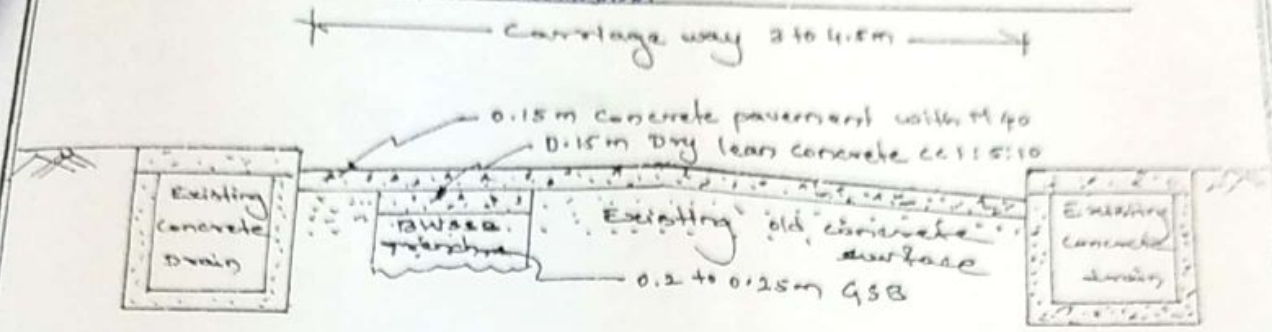
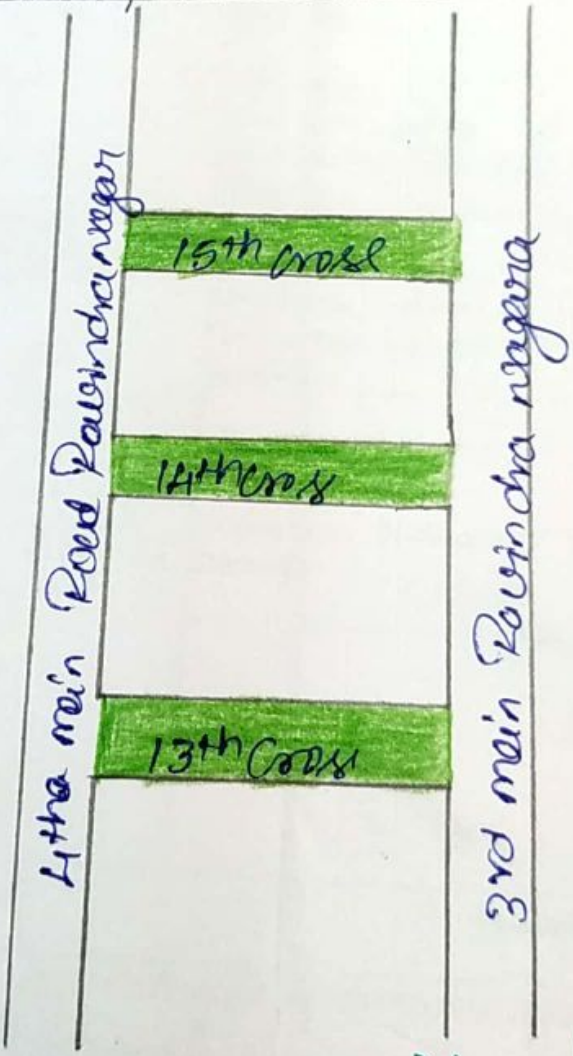
Name of Work: Improvement of cc Roads 13th, 14th and 15th Cross Kadirachandra nagara in ward No. 13 Shettyhalli Sub-Division


Carriage way 3 to 4.5m
0.15m concrete pavement with M40
0.15m Dry lean concrete cc 1:5:10
Existing concrete Drain
BWSSB trenches
Existing old concrete surface
0.2 to 0.25m GSB
Existing concrete drain

Typical c/s of cc Road surface



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RC Road.

Asst. Engineer
Ward No. 13

Asst. Executive Engineer
Shettyhalli Sub Division, Dasarahalli Zone
BBMP Bangalore.

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